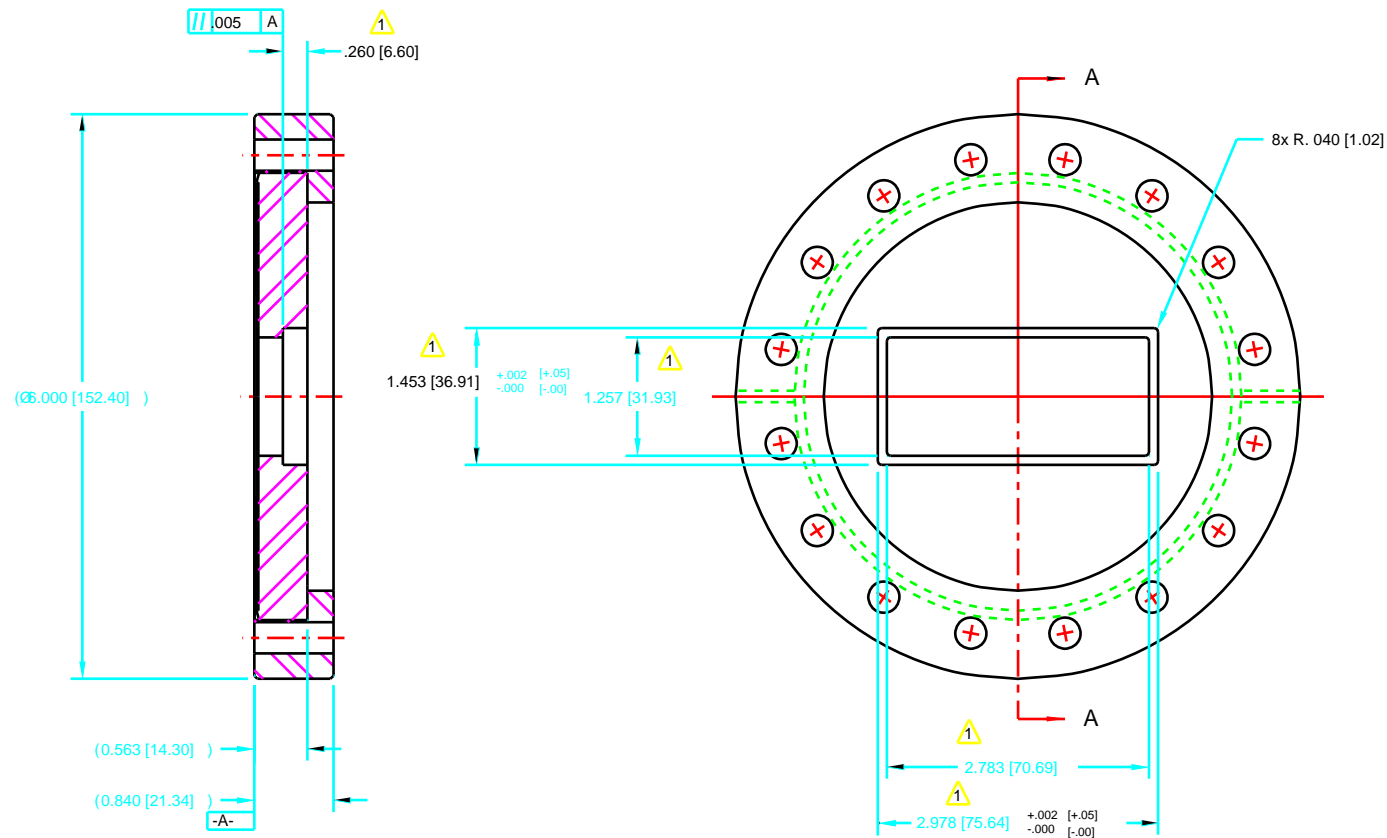


4

3

2

1



SECTION A-A

## NOTES:

1. MAKE FROM MDC'S VACUUM FLANGE CAT. #100025
2. WHEN MACHINING VACUUM PARTS, USE OF SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:  
A) CIMCOOL 5 STAR 49  
B) TRIM SOL
3. THIS IS A UHV PART, ELECTROPOLISHING IS NEEDED BEFORE WELDING. PRIOR TO ELECTROPOLISHING, THE PART MUST GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING AND DRY NITROGEN BLOW DOWN.
4. KEEP THE PART CLEAN, AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
5. DIMENSIONS IN [ ] ARE MILLIMETERS AND FOR REF. ONLY

1	2.783 WAS 3.081			
1	2.978 WAS 3.193			
1	1.257 WAS 1.547			
1	1.453 WAS 1.724			
1	.260 WAS .395	M.J.M.		
SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS .X - .03 [.7620] .XX - .01 [.254] .XXX - .005 [.127] ANGULAR - .25 SURFACE ROUGHNESS 125 REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5				
LOG NUMBER A16958				
THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY				
DRAWN BY MUSCIA		DATE 7/19/93	CHIEF DESIGN ENGINEER D. SHU	DATE 5/7/93
CHECKED BY D. SHU		DATE 5/7/93	GP LEADER T.M. KUZAY	DATE 5/7/93
DESIGNER SHU/MUSCIA		PROJECT MGR.		
RESPONSIBLE ENGINEER D. SHU		APPROVED/RELEASED		
MATERIAL SEE NOTE #1		SCALE 1:1		
SHEET 1 of 1		SIZE C		
DRAWING NUMBER P4102010101-210009-01				